

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 57734-PCT		FOR FURTHER ACTION	Report (F	orm PCT/ISA/220) as well as, where applicable,			
International application No. PCT/US03/21142		International filing date (day/month/year) 03 July 2003 (03.07.2003)		(Earliest) Priority Date (day/month/year) 05 July 2002 (05.07.2002)			
Applicant ROGER WILLIAMS MEDICAL CENTER							
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.							
This international search report consists of a total of 3 sheets. It is also accompanied by a copy of each prior art document cited in this report.							
1.	 Basis of the Report With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. 						
1	Authority (Rule 23.1(b)). b. With regard to any nucleotide	international application furnished to this international application, the international					
	search was carried out on the basis of the sequence listing: contained in the international application in written form.						
		filed together with the international application in computer readable form.					
	furnished subsequently to the	furnished subsequently to this Authority in written form.					
	furnished subsequently to the	his Authority in computer readable	form.				
		the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
	the statement that the information been furnished.	mation recorded in computer readal	ole form is i	identical to the written sequence listing has			
2.	Certain claims were found	d unsearchable (See Box I).					
3.		Unity of invention is lacking (See Box II).					
4.	With regard to the title,						
	the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows:						
	the text has been established	a by this Additionly to read as follow	ws.				
5.	With regard to the abstract,						
	the text is approved as sub		•				
	the text has been established within one month from the	d, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, date of mailing of this international search report, submit comments to this Authority.					
6.	The figure of the drawings to be po	ublished with the abstract is Figure	No	5-3			
	as suggested by the applica	unt.		None of the figures			
	because the applicant failed	d to suggest a figure.					
	because this figure better of	characterizes the invention.		•			

Form PCT/ISA/210 (first sheet) (July 1998)



Rec'd P 70 05 JAN 2005

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21142	
PC1/0303/21142	

A. CLASSIFICATION OF SUBJECT MATTER								
IPC(7) : A61K 39/395; A01N 63/00; A61K 35/26, 35/28 US CL : 424/136.1, 153.1,155.1,93.7,577								
US CL: 424/136.1, 153.1,155.1,93.7,577 According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/136.1, 153.1,155.1,93.7,577								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet								
C. DOCI	JMENTS CONSIDERED TO BE RELEVANT	·						
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.					
Y	SEN, M. et al Cutting Edge Communication: Use antibody for Redirecting Cytotoxicity of Activated T Journal of Hematotherapy. 2001, Vol. 10, No. 2, p.	1-54						
Y	TREVOR, K. et al. Bispecific Antibody Reactivation Implications for Cancer Immunotherapy and Gene T 4, No. 4, pages 245-256, see entire document.	on of Gene-Transduced T Cell: herapy. Tumor Targeting. 2000, Vol.	1-54 					
A	WO 03/091398 A2 (ROGER WILLIAMS HOSPITA	AL) 06 November 2003 (06.11.2003).	1-54					
Y	US 6,010,902 A (LEDBETTER et al) 04 January 2	2000(04.01.2000), see entire document.	1-54					
A	WO 03/090513 A2 (ROGER WILLIAMS HOSPITA entire document, Abstract in particular.	AL) 06 November 2003 (06.11.2003) see	1-54					
Y,P	WO 03/015705 A2 (ROGER WILLIAMS HOSPITA	AL) 27 February 2003 (27.02.2003).	1-54					
Further	documents are listed in the continuation of Box C.	See patent family annex.						
"A" document	pecial categories of cited documents: defining the general state of the art which is not considered to be lar relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention						
"E" earlier ap	plication or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive when the document is taken alone						
	which may throw doubts on priority claim(s) or which is cited to he publication date of another citation or other special reason (as	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination						
	referring to an oral disclosure, use, exhibition or other means published prior to the international filing date but later than the	being obvious to a person skilled in the"&" document member of the same patent if						
priority d	ate claimed							
	ctual completion of the international search	Authorized offices Author						
	04 (18.08.2004) iiling address of the ISA/US	Aythorized office	10 11					
Mai Con P.O	l Stop PCT, Attn: ISA/US nmissioner for Patents . Box 1450	Michail A Belyavsky June 100 Jen Telephone No. 571-272-1600						
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230								



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C. C. C. C. PIELDS	CEADCHED IA 2.			
Continuation of B. FIELDS BIOSIS, CAPLUS, SCISEARCH	.MEDLINE.EMBASE.USPA	ATFULL, PCTFULL, WE	ST	
Search terms: applicants name, to	racking cell, heteroconjugated	d, bispecific antibody, ster	n cell, arming, cancer, label	led, rederecting
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